



## TROPICAL CYCLONE BULLETIN NO. 17

### Typhoon "KIKO" (CHANTHU)

Issued at 11:00 PM, 10 September 2021

Valid for broadcast until the next bulletin at 2:00 AM tomorrow.

#### TYPHOON "KIKO" MAINTAINS ITS STRENGTH AND IS NOW HEADING TOWARDS BABUYAN ISLAND.

##### Location of Center (10:00 PM)

The center of the eye of Typhoon "KIKO" was located based on all available data at **135 km East Southeast of Calayan, Cagayan (19.0°N, 122.7°E)**

##### Intensity

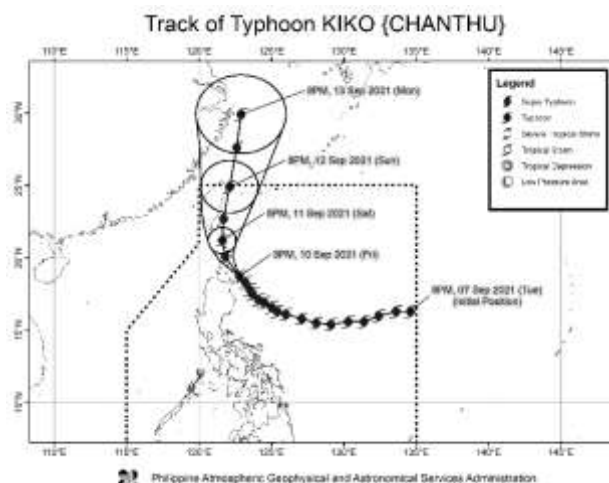
Maximum sustained winds of **215 km/h** near the center, gustiness of up to **265 km/h**, and central pressure of **920 hPa**

##### Present Movement

**Northwestward at 20 km/h**

##### Extent of Tropical Cyclone Winds

**Strong winds or higher** extend outwards up to **250 km** from the center



#### TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 8:00 AM 11 September 2021	20.1	121.8	Over the coastal waters of Sabtang, Batanes	215	TY	NW 15
<b>24-Hour Forecast</b> 8:00 PM 11 September 2021	21.2	121.6	50 km North Northwest of Itbayat, Batanes	205	TY	N 10
<b>36-Hour Forecast</b> 8:00 AM 12 September 2021	22.7	121.7	210 km North of Itbayat, Batanes	195	TY	N 15
<b>48-Hour Forecast</b> 8:00 PM 12 September 2021	24.9	122.1	455 km North of Itbayat, Batanes	185	TY	N 20
<b>60-Hour Forecast</b> 8:00 AM 13 September 2021	27.6	122.6	760 km North of Itbayat, Batanes (outside the PAR)	175	TY	N 25
<b>72-Hour Forecast</b> 8:00 PM 13 September 2021	29.9	122.9	1,020 km North of Extreme Northern Luzon (outside the PAR)	165	TY	N 20

Prepared by: **RPG**

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TROPICAL CYCLONE WIND SIGNALS IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>4</b> (Very destructive typhoon-force winds prevailing or expected within 12 hours)	<b>Batanes and the northeastern portion of Babuyan Islands</b> (Babuyan Is.)	-	-
<b>3</b> (Destructive typhoon-force winds prevailing or expected within 18 hours)	<b>The extreme northeastern portion of Cagayan</b> (Santa Ana, Gonzaga) and <b>the rest of Babuyan Islands</b>	-	-
<b>2</b> (Damaging gale-force to storm-force winds prevailing or expected within 24 hours)	<b>The northern, central, and eastern portions of mainland Cagayan</b> (Aparri, Camalaniugan, Lal-Lo, Gattaran, Baggao, Peñablanca, Buguey, Santa Teresita, Tuguegarao City, Iguig, Amulung, Alcala, Lasam, Ballesteros, Abulug, Allacapan, Claveria, Santa Praxedes, Sanchez-Mira, Pamplona, Santo Niño), <b>the northeastern portion of Isabela</b> (San Pablo, Maconacon, Divilacan, Palanan), and <b>the northern portion of Apayao</b> (Calanasan, Luna, Pudtol, Flora, Santa Marcela)	-	-
<b>1</b> (Strong winds prevailing or expected within 36 hours)	<b>The rest of mainland Cagayan, the northern portion of Ilocos Norte</b> (Pagudpud, Adams, Dumalneg, Bangui, Vintar, Carasi, Nueva Era, Piddig, Solsona, Burgos, Pasuquin, Bacarra, Laoag City, San Nicolas, Sarrat, Dingras), <b>the rest of Apayao, the northern portion of Kalinga</b> (Balbalan, Pinukpuk, City of Tabuk, Rizal), <b>the eastern portion of Mountain Province</b> (Paracelis), <b>the northeastern portion of Abra</b> (Tineg, Lacub, Malibcong), and <b>the northwestern and southeastern portions of Isabela</b> (Dinapigue, Palanan, San Mariano, City of Cauayan, Cabatuan, Aurora, Luna, Benito Soliven, Naguilian, Reina Mercedes, Ilagan City, Quezon, Burgos, Tumauini, San Manuel, Santo Tomas, Roxas, Santa Maria, Mallig, Quirino, Cabagan, Delfin Albano, Gamu)	-	-
Tropical Cyclone Wind Signals hoisted in other areas are hereby lifted.			

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#### **HAZARDS AFFECTING LAND AREAS**

##### **Heavy Rainfall**

- Tonight through tomorrow evening, Typhoon "KIKO" will bring:
  - Heavy to intense with at times torrential rains over the northeastern portion of Cagayan including Babuyan Islands and Batanes.
  - Moderate to heavy with at times intense rains over Ilocos Region, Cordillera Administrative Region, northern Isabela, and the rest of Cagayan.
- Under these conditions, scattered to widespread flooding (including flash floods) and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps.
- Typhoon "KIKO" will continue to enhance the Southwest Monsoon, bringing monsoon rains over the western sections of Central Luzon and Southern Luzon, and Western Visayas in the next 24 hours. For more information, refer to Weather Advisory #5 for Southwest Monsoon issued at 11:00 PM today.

##### **Severe Winds**

- Winds may reach typhoon-force strength between 171 and 220 km/h within any of the areas where Tropical Cyclone Wind Signal (TCWS) #4 is hoisted during the passage of the typhoon. This may cause generally heavy to very heavy damage to structures and vegetation.
- Winds may reach typhoon-force strength of up to 170 km/h within any of the areas where TCWS #3 is hoisted during the passage of the typhoon. This may cause generally moderate to heavy damage to structures and vegetation.
- Winds may reach gale- to storm-force strength within any of the areas where TCWS #2 is in effect. This may result to light to moderate damage to structures and vegetation.
- Winds reaching strong breeze to near gale strength (i.e., strong winds) will be felt within any of the areas where TCWS #1 is in effect. This may result to up to very light damage to structures and vegetation.
- Further intensification into Super Typhoon is not ruled out. In such a scenario, TCWS #5 may be hoisted over some municipalities of Batanes and Babuyan Islands.
- The enhanced Southwest Monsoon will bring occasional gusts reaching strong breeze to near gale in strength over the coastal and upland/mountain areas of Luzon (that are not under wind signals) and Western Visayas in the next 24 hours.

##### **Coastal Inundation**

A moderate to high risk of life-threatening storm surge reaching 2.0 to 3.0 m in height may occur in the next 24 hours. Rising sea water along with the high waves from the shoreline moving inland may cause flooding in the low-lying coastal localities of Batanes, Cagayan including Babuyan Islands, and northern Isabela. For more information, refer to Storm Surge Warning #5 for Typhoon "KIKO" issued at 11:00 PM today.

#### **HAZARDS AFFECTING COASTAL WATERS**

- In the next 24 hours, rough to phenomenal seas (3.0 to 16.0 m) will be experienced over the seaboard of areas where TCWS is in effect. Sea travel is risky for all types of sea vessels. Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Moderate to rough seas (1.2 to 3.0 m) will be experienced over the eastern seaboard of Central and Southern Luzon. Sea travel is risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.
- Due to the typhoon enhancing the Southwest Monsoon, Gale Warning is currently in effect for the western seaboard of Palawan including Calamian and Kalayaan Islands and Occidental Mindoro including Lubang Islands. For more information, refer to Gale Warning #3 issued at 5:00 PM today.

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#### **TRACK AND INTENSITY OUTLOOK**

- Between tonight and tomorrow evening, Typhoon “KIKO” will move northwestward or north northwestward over the coastal waters of northeastern mainland Cagayan, Babuyan Islands, and Batanes. The possibility of landfall over any of the islands of the Batanes-Babuyan Archipelago is highly likely as the typhoon moves over these areas. Nevertheless, catastrophic conditions will be felt over these areas during the passage whether a landfall occurs or not.
- After passing in the vicinity of Extreme Northern Luzon, “KIKO” is forecast to move generally northward or north northeastward beginning on Sunday and will likely pass close to the east coast of Taiwan (without ruling out the possibility of landfall). The typhoon is forecast to exit the Philippine Area of Responsibility on Sunday evening or Monday early morning, then move northward or north northeastward over the East China for the remainder of Monday towards the sea east of eastern China.
- The typhoon is forecast to maintain its strength while traversing the Babuyan-Batanes area in the next 12 hours but is forecast to begin weakening by tomorrow as “KIKO” undergoes another eyewall replacement cycle. Further weakening will continue throughout the forecast period as the typhoon interacts with the rugged terrain of Taiwan. It must be noted, however, that the possibility of reaching super typhoon category is not yet ruled out within the next 12 hours.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 2:00 AM tomorrow.

**DOST-PAGASA**

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Checked by:  **SFD**